

PEM036-17

会場:ファンクションルームA

時間: 5月25日16:30-16:45

タスクグループ2 : 気候変動に対するジオスペースの応答

TG-2 How will geospace respond to an altered climate?

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The target of TG2 in CAWSES-II is the contribution of low-altitude radiative, chemical, and dynamical forcing to disturbances of the upper atmosphere. One of the example is the cooling in the middle and upper atmosphere by rising greenhouse gas concentrations. In this presentation, we will introduce two example to approach the influence of global warming in high altitude region. One is the analysis of long-term ionospheric measurement data since IGY to show the variation of ionospheric conditions. Another one is a possibility to find these small variation with global circulation model including the thermosphere and ionosphere. In addition, we would like to emphasize the importance of data managements for long years for studying these theme.

キーワード:電離圏,長期変動,地球温暖化, WDC

Keywords: ionosphere, long-term variation, global warming, WDC